

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

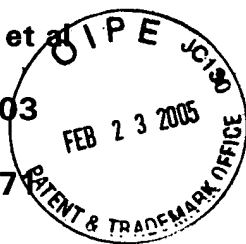
IPU

Applicants: Campbell et al

Filed: 12/11/2003

Serial No.: 10/733,174

For: DRILLING SYSTEMS



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§ Art Unit: 3672

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§ Examiner:

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§ Atty File: HNVR 001

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§ Conf. No. 5947

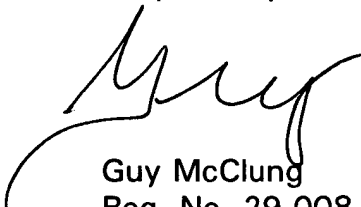
Second SUPPLEMENT TO INFORMATION DISCLOSURE

Mail Stop Amendment  
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P.O. Box 1450  
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Dear Sir:

This is a Second Supplement to information previously disclosed in this application. Enclosed are: a list of references; a Form PTO 1449 listing the references; and a copy of each Non-US reference. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference. The undersigned hereby certifies, in accordance with 37 CFR § 1.97(e), that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Respectfully submitted,

  
Guy McClung  
Reg. No. 29,008

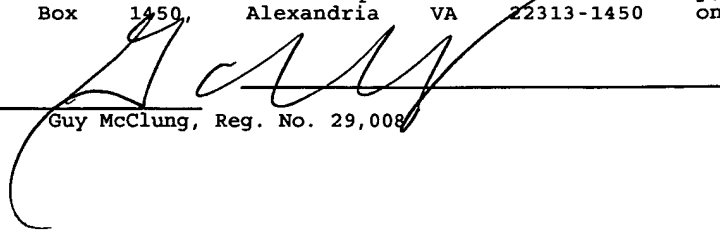
Date: 19 Feb 05

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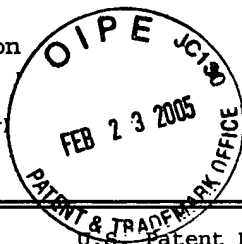
CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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Facsimile of Form PTO-1449 (REV. 6-89)		U.S. Department of Commerce Patent and Trademark Office		ATTORNEY'S DOCKET NUMBER HNVR 001		SERIAL NUMBER 10/733,171	
Information Disclosure		Citation		APPLICANT Campbell et al			
(Use Several Sheets If		Necessary)		FILING DATE 12/11/2003		GROUP ART UNIT 3672	



U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,662,180	09/1997	Coffman et al	175	57	
	6,155,361	12/2000	Patterson	175	296	
	2003/ 0056990 A1	03/2003	Oglesby	175	57	

## Other REFERENCE

Examiner's Initial	Document Number			Date
	PCT/GB2004/050038	PCT Int'l Search Report	PCT counterpart of 10/733,171	4 Feb 2005; 8 pp.

Examiner	Date Considered
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.